



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	CMP Products Limited Glasshouse Street, St. Peters, Newcastle-Upon - Tyne, NE6 1BS, United Kingdom (UK)
PLACE OF PRODUCTION	CMP Products Limited, 36 Nelson Way, Nelson Park East, Cramlington Northumberland, NE23 1WH, United Kingdom (UK)
DESCRIPTION	Cable cleats
TYPE	Cyclone I, Cyclone II, Cyclone III, Falcon, Conqueror, Patriot, Sabre, Sapphire, Sovereign, Zenith, Valiant
APPLICATION	Marine (ENV5) /Offshore /Industrial applications
STANDARD	IEC 61914:2015 LR Rules and Regulations for the Classification of Ships, 2016 LR Test Spec No.1, 2015

Certificate No.	16/00050
Issue Date	5 July 2016
Expiry Date	4 July 2021
Sheet	1 of 3

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



A. Petrov
Southampton Technical Support Office
Lloyd's Register EMEA

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RATINGS

Type	Material	Short-circuit current rating (kA), peak fault
Conqueror	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	172
Cyclone I	5000 Series Aluminium, 316L Stainless Steel Strap & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	131
Cyclone II	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	156
Cyclone III	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	180
Falcon	Nylon, V0 nylon & LUL approved polymer	110 (parallel formation)
Patriot	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	141
Sabre	Nylon, V0 nylon & LUL approved polymer	68
Sapphire	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	110
Sovereign	316L Stainless Steel & Low Smoke & Fume (LSF), Zero Halogen (LS0H) Liners	190
Valiant	High pressure die cast aluminium	90
Zenith	High pressure die cast aluminium	102 (multicore cable), 130 (parallel formation)

OPERATIONAL LIMITATIONS

The manufacturer's instructions are to be followed

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"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No.16/00050 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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MTES Southampton Office
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LR031.1.2015.12

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